

Linux Commands

file system commands:

cd	Change Directory
chmod	Change access permissions
chown	Change file owner
chgrp	Change group ownership
df	Display free disk space
dir	Briefly list directory contents
du	Estimate file space usage
fdformat	Low-level format a floppy disk
fdisk	Partition table manipulator for Linux
find	Search for files that meet a desired criteria
format	Format disks or tapes
fsck	File system consistency check and repair.
ln	Make links between files
locate	Find files
ls	List information about file(s)
mkdir	Create new folder(s)
mknod	Make block or character special files
mount	Mount a file system
umount	Unmount a device
mtools	Manipulate MS-DOS files
mv	Move or rename files or directories
quota	Display disk usage and limits
quotacheck	Scan a file system for disk usage
quotactl	Set disk quotas
cp	Copy one or more files to another location
rcp	Copy files between two machines.
rm	Remove files
rmdir	Remove folder(s)
symlink	Make a new name for a file
umask	Users file creation mask
uniq	Uniquify files
v	Verbosely list directory contents (`ls -l -b')
vdir	Verbosely list directory contents (`ls -l -b')
dirs	Display list of remembered directories
pushd	Save and then change the current directory
popd	Restore the previous value of the current directory
dircolors	Colour setup for `ls'
dirname	Convert a full pathname to just a path
ram	ram disk device
sync	Synchronize data on disk with memory

operation on files commands:

sort	Sort text files
split	Split a file into fixed-size pieces
diff	Display the differences between two files
diff3	Show differences among three files
cmp	Compare two files
cut	Divide a file into several parts
sdiff	Merge two files interactively
tac	Concatenate and write files in reverse
tail	Output the last part of files
touch	Change file timestamps
wc	Print byte, word, and line counts
awk	Find and Replace text within file(s)
comm	Compare two sorted files line by line
egrep	Search file(s) for lines that match an extended expression
expand	Convert tabs to spaces
fgrep	Search file(s) for lines that match a fixed string
fmt	Reformat paragraph text
fold	Wrap text to fit a specified width.
gawk	Find and Replace text within file(s)
grep	Search file(s) for lines that match a given pattern
gzip	Compress or decompress named file(s)
tar	Tape ARchiver
head	Output the first part of file(s)history Command History
less	Display output one screen at a time
paste	Merge lines of files
tr	Translate, squeeze, and/or delete characters
unexpand	Convert spaces to tabs
cat	Concatenate files, print on the standard output
cksum	Print CRC checksum and byte counts
csplit	Split a file into context-determined pieces
dd	Data Dump - Convert and copy a file
ed	A line-oriented text editor (edlin)
install	Copy files and set attributes
join	Join lines on a common field
mkfifo	Make FIFOs (named pipes)
more	Display output one screen at a time
nl	Number lines and write files
pathchk	Check file name portability
rpm	Remote Package Manager
rsync	Remote file copy (Synchronize file trees)
sum	Print a checksum for a file
tee	Redirect output to multiple files
uuencode	Encode a binary file
uudecode	Decode a file created by uuencode

configuration commands:

chkconfig	Tool for maintaining the /etc/rc[0-6].d directory hierarchy
chroot	Change root directory
cron	Daemon to execute scheduled commands
crontab	Schedule a command to run at a later time
date	Display or change the date & time
env	Display, set, or remove environment variables
hostname	Print or set system name
screen	Terminal window manager

getting information commands:

arch	Print machine architecture
cal	Display a calendar
which	Locate a program file in the user's path.
date	Display or change the date & time
env	Display, set, or remove environment variables
free	Display memory usage
groups	Print group names a user is in
hostname	Print or set system name
id	Print user and group id's
info	Help info
logname	Print current login name
man	Help manual
printenv	Print environment variables
pwd	Print Working Directory
tty	Print filename of terminal on stdin
uname	Print system information
users	List users currently logged in
whereis	Report all known instances of a command
who	Print all usernames currently logged in
whoami	Print the current user id and name (`id -un')

Users and security commands:

adduser	Add a new user
passwd	Modify a user password
su	Substitute user identity
useradd	Add a new user
usermod	Modify user account

process management commands:

kill	Stop a process from running
nice	Set the priority of a command or job
nohup	Run a command immune to hangups
ps	Process status
top	List processes running on the system

printing commands:

lpc	Line printer control program
lprOff	line print
lprm	Remove jobs from the print queue
pr	Convert text files for printing
printcapPrinter	capability database

networking commands:

traceroute	Trace Route to Host
ping	Sends echo request to Host

Misc commands:

bc	An arbitrary precision calculator language
clear	Clear terminal screen
dc	Desk Calculator
echo	Display message on screen
eject	Eject CD-ROM
expr	Evaluate expressions
factor	Print prime factors
false	Do nothing, unsuccessfully
printf	Format and print data
sed	Stream Editor
select	Accept keyboard input
seq	Print numeric sequences
shutdown	Shutdown or restart linux
sleep	Delay for a specified time
test	Evaluate a conditional expression
time	Measure Program Resource Use
true	Do nothing, successfully
tsort	Topological sort
units	Convert units from one scale to another
unshar	Unpack shell archive scripts
watch	Execute/display a program periodically
xargs	Execute utility, passing constructed argument list(s)
yes	Print a string until interrupted